

ABSTRAK

Latar Belakang: Pelaksanaan, pencatatan data kesehatan dan pelaporan bulanan masih menggunakan buku besar (manual) di Posyandu lansia Kampung Ndalem, Kel. Purbayan, Yogyakarta. Selain itu, permasalahan lain yaitu belum diberikannya pelatihan kesehatan dasar terhadap kader dan petugas posyandu lansia. Hal ini membuat pemberian informasi kepada peserta posyandu lansia dan pralansia kesehatan menjadi kurang berjalan dengan optimal.

Tujuan: Menghasilkan rancangan sistem informasi posyandu lansia berbasis *mobile*.

Metode: Tahap perancangan ini menggunakan metode *Sistem Development Life Cycle* (SDLC) dan analisis kebutuhan pengguna agar menghasilkan rancangan sistem informasi posyandu lansia berbasis *mobile* yang sesuai dengan kebutuhan pengguna.

Hasil: Hasil perancangan sistem informasi ini adalah rancangan *Unified Modeling Language* (UML) yang terdiri dari *use case* dan *activity diagram*, rancangan struktur menu, dan rancangan user interface yang terdiri dari splash, login, registrasi kader, halaman utama, data peserta, ukur tinggi badan dan berat badan, ukur tekanan darah, menu kegiatan lansia, informasi kesehatan dasar, dan laporan bulanan.

Kesimpulan: Perancangan sistem informasi posyandu lansia berbasis *mobile* telah dibuat sesuai analisis kebutuhan dan disetujui oleh pengguna.

Kata kunci: Sistem Informasi Posyandu Lansia, Perancangan, *mobile*

ABSTRACT

Background: *Implementation, health data recording and monthly reporting still use a ledger (manual) in elderly integrated health post of Kampung ndalem, Purbayan, Yogyakarta. In addition, another problem is that basic health training has not been provided for elderly integrated health post cadres and officers. This makes giving information to elderly integrated health post participants and health practitioners less optimal.*

Objective: *To produce a mobile-based elderly posyandu information system design.*

Method: *This design phase uses the System Development Life Cycle (SDLC) method and user needs analysis in order to produce a mobile-based of information system for elderly integrated health post that suits the user's needs.*

Result: *The result of this information system design is the Unified Modeling Language (UML) design consisting of use case and activity diagram, menu structure design, and user interface design consisting of splash, login, cadre registration, main page, participant data, height measure body and weight, measure blood pressure, menu of elderly activities, basic health information, and monthly reports.*

Conclusion: *The design of a mobile-based of information system for elderly integrated health post information system has been made according to the needs analysis and approved by the user.*

Keywords: *Elderly integrated health post, Information System, Mobile, Design*